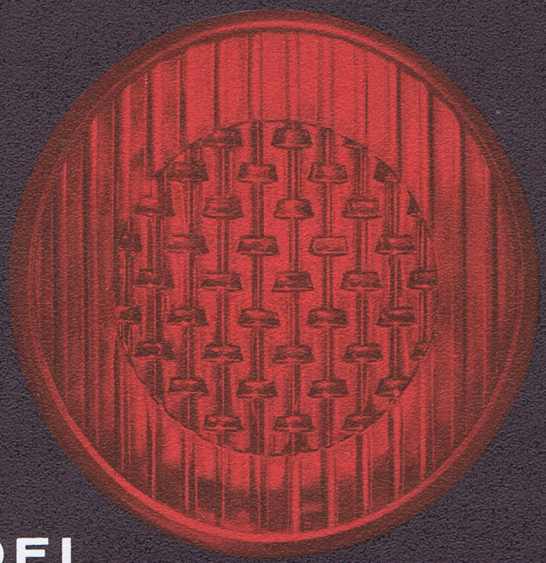
UNION DEVELOPMENT NO. 301

WABCO

UNION SWITCH & SIGNAL DIVISION
PITTSBURGH 18, PENNSYLVANIA Westinghouse Air Brake Company



NEW ROUNDEL FOR CROSSING SIGNAL LAMP UNITS

Union Switch & Signal Division of Westinghouse Air Brake Company has developed a new roundel for use with highway crossing signal units which provides a signal indication of greater intensity than any previously developed. The new long-range, high-intensity beam was specifically designed to meet the needs of modern high speed highways.

This new roundel has a horizontal spread of 30 degrees and a downward deflection of 15 degrees, similar to the conventional 30-degree spread 15-degree deflection roundels presently used in highway crossing signals.

This new roundel provides a signal indication of approximately three times greater intensity on the axis than any previously developed roundel, and provides double the intensity out to eight degrees each side of the axis.

The new roundel is identical in size to present standard roundels and is interchangeable in existing standard units. It is available in either glass or acrylic plastic. Acrylic plastic has the additional feature of high resistance in breakage, and some further improvement in efficiency.

Ordering References:

(Glass) UJ530118

(Acrylic Plastic) UJ530119

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